

VASH1 Antibody

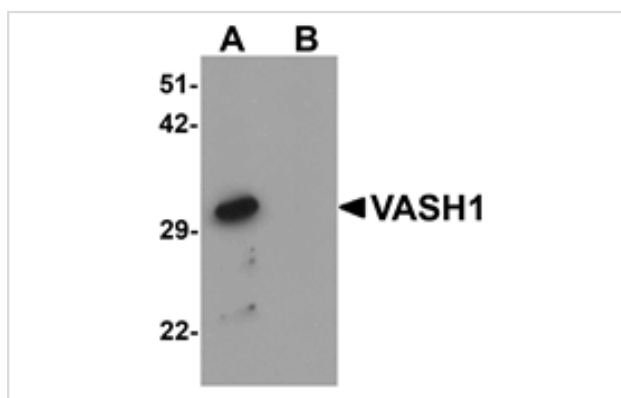
Catalog No: #25310

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	VASH1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB
Species Reactivity	Hu Ms Rt
Specificity	VASH1 antibody is predicted to not cross-react with other vasohibin protein family members. At least two isoforms are known to exist; this antibody will recognize only the long isoform.
Immunogen Type	Peptide
Immunogen Description	Raised against a 19 amino acid peptide near the carboxy terminus of human VASH1.
Target Name	VASH1
Other Names	Vasohibin1
Accession No.	NP_055724
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at 4 °C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Images



Western blot analysis of VASH1 in human brain tissue lysate with VASH1 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.

Background

VASH1 was originally identified as an endothelium-derived vascular endothelial growth factor (VEGF)-inducible angiogenesis inhibitor that acts in a negative feedback manner. VASH1 mRNA is expressed brain, heart, kidney and placenta in the adult, with robust expression in various organs during embryonic development. VASH1 expression in tumor cells and tumor vasculature is silenced by methylation by increased expression of Zeste homolog 2 (EZH2). The increase of EZH2 expression is induced by VEGF stimulation, leading to poor clinical prognosis. Recombinant adenovirus expressing VASH prevented tumor angiogenesis and inhibited tumor growth, suggesting that it may be a potentially valuable antitumor therapy in the clinic.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.